

## Claims

1. A transmission system comprising,  
a first transmitter having a first antenna and  
a second transmitter having a second antenna, wherein,  
in a connecting state where said first transmitter and  
said second transmitter are connected, said first antenna  
and said second antenna simultaneously transmit identical  
information.
2. The transmission system according to claim 1, wherein,  
said first transmitter further comprises a power  
supply part, and  
said second transmitter comprises a transmitter  
circuit which is connected to said power supply part, and  
outputs said identical information as a transmission signal  
to said first antenna and said second antenna, in said  
connecting state.
3. The transmission system according to either of claim  
1 and claim 2, wherein,  
said first transmitter comprises an operating means  
which conducts a transmitting operation, and radio field  
intensity outputted from said first antenna is set higher  
than the radio field intensity outputted from said second  
antenna.
4. The transmission system according to either of claim  
1 and claim 2, wherein,

said first antenna and/or said second antenna is a loop antenna.

5. The transmission system according to claim 3, wherein, said first antenna and/or said second antenna is a loop antenna.

6. The transmission system according to either of claim 1 and claim 2, wherein,

said first antenna has a biometric function to measure biometric information, and said identical information is said biometric information.

7. The transmission system according to claim 6, wherein, said second transmitter is connected to each of multiple measuring machines to measure biometric information which is different from the information of said first transmitter, and the biometric information measured by said measuring machines being connected is transmitted from said second antenna.

8. The transmission system according to claim 6, wherein, said biometric information is the number of steps.

9. The transmission system according to claim 7, wherein, said biometric information is the number of steps.